

INNOVATIVE SOLUTIONS & SUPPORT INC
 Form 4
 April 19, 2007

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION
 Washington, D.C. 20549

OMB APPROVAL

OMB Number: 3235-0287
 Expires: January 31, 2005
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
 STRS OHIO

2. Issuer Name and Ticker or Trading Symbol
 INNOVATIVE SOLUTIONS & SUPPORT INC [issc]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)
 04/17/2007

____ Director
 ____ Officer (give title below)
 10% Owner
 ____ Other (specify below)

275 E BROAD ST

(Street)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

COLUMBUS, OH 43215

(City) (State) (Zip)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Ownership (Instr. 4) |
|---------------------------------------|--------------------------------------|--|--------------------------------|---|--------------------|---|--|-----------------------------------|
| | | | | Code | V Amount (D) Price | | | |
| Innovative Solutions and Support Inc. | 04/17/2007 | 04/17/2007 | S | 3,500 | D \$ 22.5 | 2,273,050 | D | |
| Innovative Solutions and Support Inc. | 04/17/2007 | 04/17/2007 | S | 1,400 | D \$ 25 | 2,271,650 | D | |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474 (9-02)

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- (1) represents an obligation to sell
- (2) represents an obligation to sell

Remarks:

The securities above were acquired in the ordinary course of business and were not acquired for the purpose or, and do not have

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.